Media Player LCD MONITOR

VT-185KC

USER'S MANUAL

V14.A

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I. Introduction

Product Description

Congratulations on your purchase of the **Media Player series** LCD monitor. It incorporates high quality display into a small light-weighted module. It has power-saving capabilities and emits no radiation. You will certainly benefit from this monitor in lots of ways; to name some of them: comfort, safety, space-saving and environmental protection.

Package Contents

Included with your LCD monitor as following items ：

- **Media Player** LCD monitor
- 15 pin D-sub VGA signal cable
- AC power cord
- AC/DC power adapter
- User's manual
- DVI signal cable (optional)

Product Features

- High brightness, high contrast ratio and wide viewing angle
- Wall mountable with VESA 75 bracket
- Power management system conforms to VESA DPMS standard
- Advanced OSD control for picture quality adjustment

Screen Cleaning Techniques

1. Gently clean the screen with a clean camel hair lens brush, or a soft, clean, lint-free cloth, to remove dust and other particles that can scratch the screen.
2. Do not apply pressure to the screen surface when wiping it clean.
3. Do not pour or spray any liquid directly onto the screen or casing. Chemical cleaners have been reported to damage the screen or case of the LCD monitor.

Additional

Read all of these instructions and save them for later use.
Follow all warnings and instructions on the product.

1. Product

- Do not block the vent holes in the case.
- Do not insert sharp objects or spill liquid into the LCD monitor through cabinet slots. They may cause accident fire, electric shock or failure.
- Disconnect the power plug from the AC outlet if you will not use it for an extended period of time.
- Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks.
- Do not touch the screen directly with your fingers. You may damage the screen, and oil from your skin is difficult to remove.
- Do not apply pressure to screen. The LCD panel is very delicate.

2. Power

- Use the type of power indicated on label.

3. Plugs

- Do not remove any of the prongs of the monitor's three-pronged power plug.
- Disconnect the power plug from the AC outlet under following conditions：
  - If you will not use it for an extended period time.
  - When the power cord or plug is damaged or frayed.
  - If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician.
  - If the product exhibits a distinct change in performance, service may be required.

4. Power and extension cords

- Do not allow anything to rest on the power cord.
- Do not locate this product where persons will walk over the cord.
- Use the proper power cord with correct attachment plug type. If the power source is 120V AC, use a power cord that has UL and **C-UL**

approvals. If the power source is a 240V AC supply, use the tandem (T blade) type attachment plug with ground conductor power cord that meets the respective European country's safety regulations, such as VDE for Germany.

- Do not over load wall outlets or power cords. Ensure that the total of all units plugged into the wall outlet does not exceed 10 amperes.
- Ensure that the total ampere ratings on all units plugged into the extension cord is not above the cord's rating.
- If the power supply cord, which came with your monitor, is to be connected to the PC instead of the wall outlet, Use an UL/TUV approved computers with receptacle rated 100~240V AC, 50/60Hz, 1.0A (minimum) only.

5. Environment

- Place the monitor on a flat and leveled surface.
- Place the monitor in a well-ventilated place.
- Keep the monitor away from overly hot, cold or humid places, places directly under sunlight, dusty surroundings, equipment that generate strong magnetic fields.
- Please adjust the frequency to 60 Hz after setting up the LCD monitor.

II. Control Functions

The monitor digital control functions are located on the PCB top cover. They are Indicator LED 、Power switch 、and Function keys .

1. Function Selection (for monitor)

1.1. Press the knob "MENU/SELECT" to show the OSD menu. Then use the "△" and "▽" to select a function. Press the knob "AUTO/EXIT" to close the OSD menu.

1.2. With the knob "△" and "▽" , you can adjust the speaker volume on the monitor.

- When you press the "▽", the speakers are mute. Press the "△" and then the speakers are active.
- When you press the knob "△" , the speaker volume OSD is shown. You

can increase or decrease the volume by pressing the “△” and “▽”.

1.3. You can hold the knob “AUTO/EXIT” for more than 1 second to adjust the image quality automatically.

The OSD menu will close automatically after 3-10 seconds without operation and saves any changes you have made.

2. Function Adjustments

- Signal Select

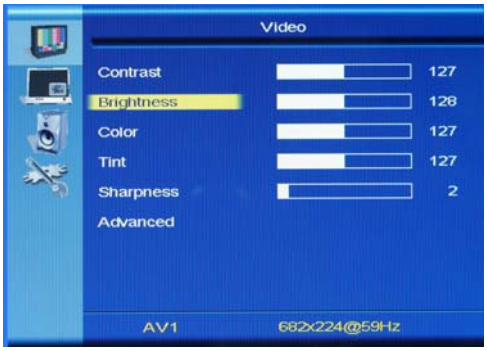
When there is no OSD menu display the knob “AUTO/EXIT” can select VGA / DVI / VIDEO1 .

2.1.Video mode

2.1.1. Video

Contrast - Adjust the difference in luminance between light and dark areas of the image.

Brightness - Adjust the luminance level of the image.



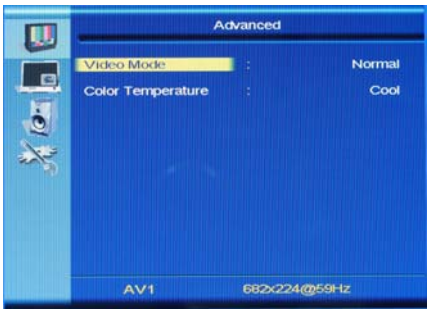
Color - Adjust the Color level of the image

Tint - Adjust the Tint level of the image

Sharpness - Adjust the Sharpness level of the image

Advanced

Video Mode - Adjust the Video Mode for Normal/Nature/Cinema/Sport/Vivid



Color Temperature - Adjust the Color Temperature for Cool/ Natural/Warm

2.1.2. Display

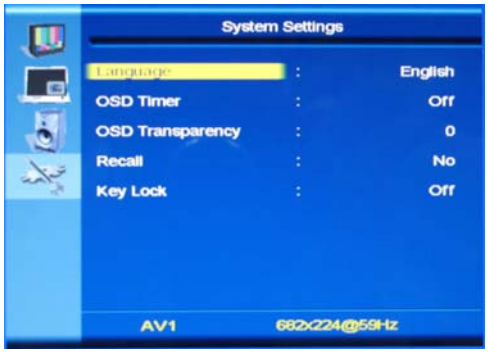
Aspect Ratio - Adjust the Aspect Ratio for Full Screen / Cinema Scope / 4:3 / Pillar Box Expand

2.1.3. Audio

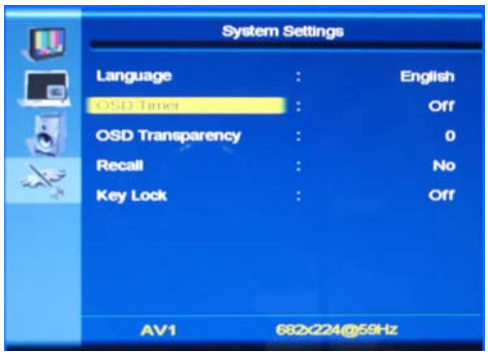
Volume -. Adjust the Volume

2.1.4. System Settings

Language -Select Language English/繁體中文/Fran/Deu/ Ita

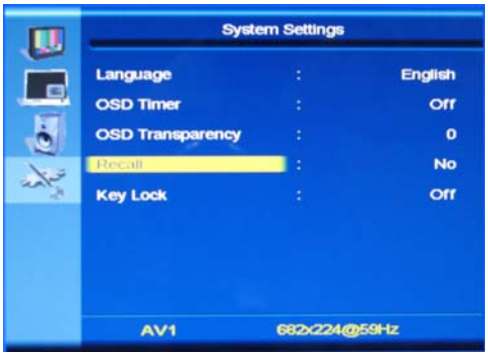


OSD Timer - Select 5/…..30/Off

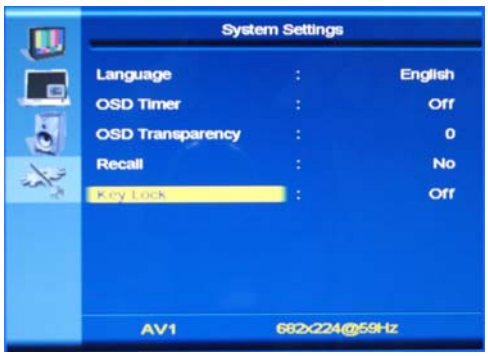


OSD Transparency -Select 0/….10

Recall - Recall Factory setting



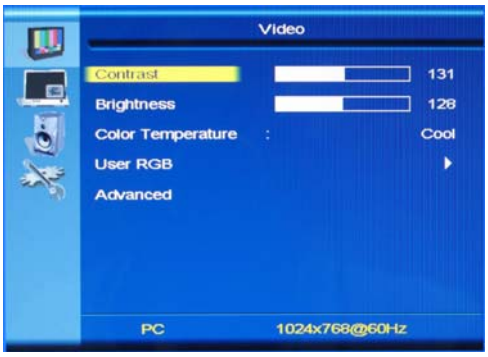
Key Lock -Select ON/OFF



2.2. VGA mode

2.2.1 Video

Contrast - Adjust the difference in luminance between light and dark areas of the image.



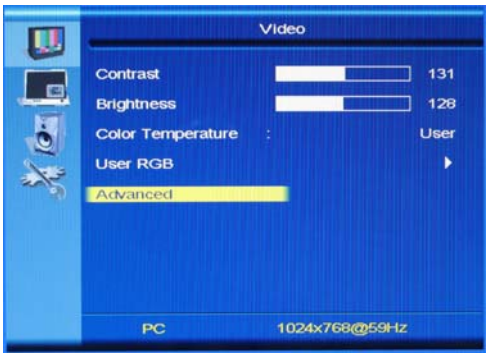
Brightness - Adjust the luminance level of the image.

Color Temperature - Adjust Color Temperature

Cool(9300k)/User/Warm(6500k)/Nature(7500k)

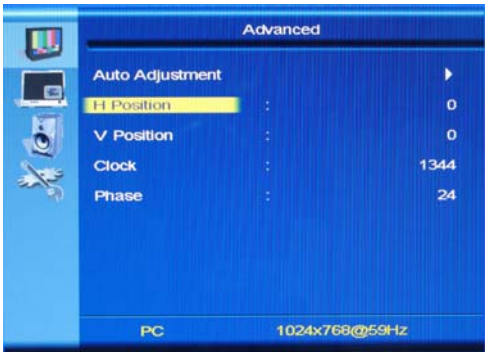
User RGB - Adjusting Red/Green/Blue level of the image

Advanced - Select



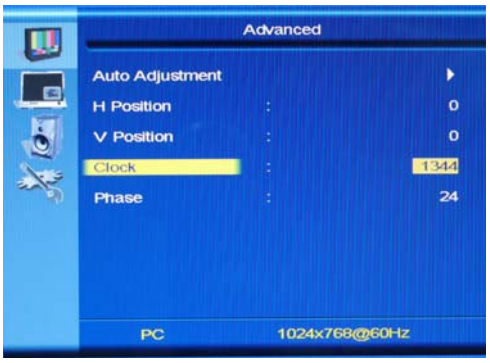
Auto adjustment - Adjust geometry of the image automatically.

H Position - Adjust the horizontal position of the image.



V Position - Adjust the vertical position of the image.

Clock - Adjust the horizontal sync size of signal



Phase - Adjust the horizontal sync phase of signal.

2.2.2. Display

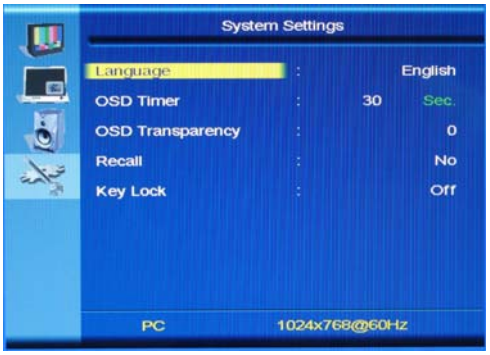
Aspect Ratio - Adjust the Aspect Ratio for Full Screen / Cinema Scope / 4:3 / Pillar Box Expand

2.2.3. Audio

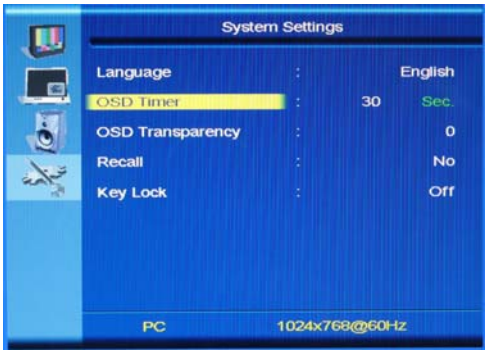
Volume -. Adjust the Volume

2.2.4. System Settings

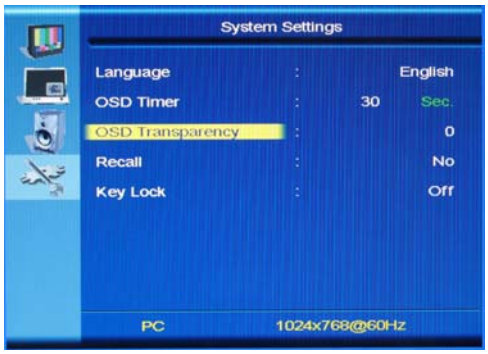
Language -Select Language English/繁體中文/Fran/Deu/ Ita



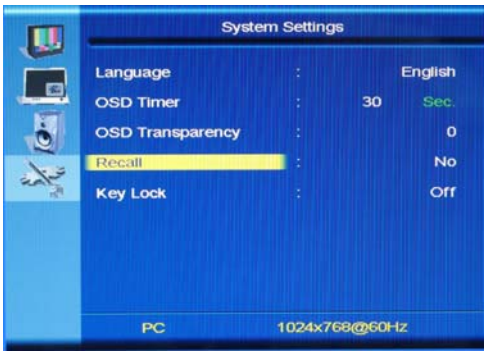
OSD Timer - Select 5/…..30 Sec./Off



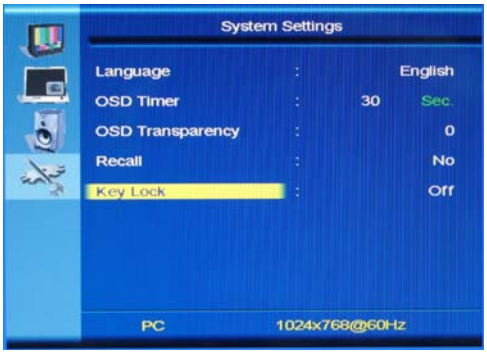
OSD Transparency -Select 0/….10



Recall - Recall Factory setting



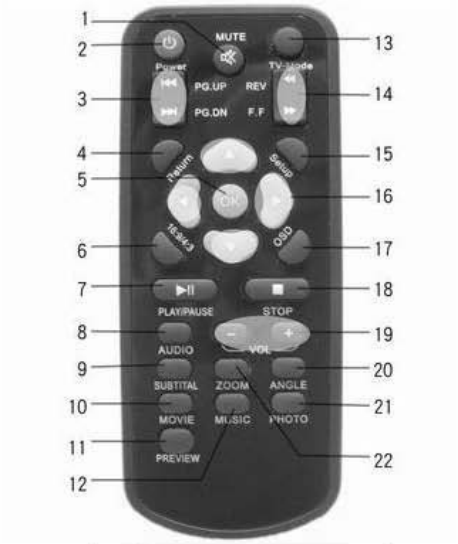
Key Lock -Select ON/OFF



2.2.5 Unlock - Press menu up down up down menu key ,then show to OSD menu to select key lock function to set off.

3. Function Selection (for Media)

3.1. Remote Controller



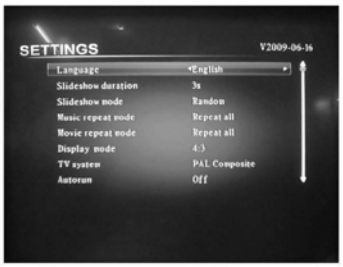
(1)MUTE: Mute	(2)⏻power: standby, power on/off	(3)⏮/⏭: Last/Next
(4)Return: Exit	(5) OK: confirm	(6)16:9/4:3: change video ratio
(7)⏵⏸: Play/Pause	(8) Audio: audio channel switch	(9)Subtitle: display/cancel subtitle
(10)MOVIE: go to Movie interface	(11)PREVIEW: slideshow mode, play pictures and music at the same time	(12)MUSIC: Music interface
(13)TV-Mode: TV system Switch	(14)⏪/⏩: Fast Forward/ Fast Reverse	(15)SETUP: setup
(16)▲▼◀▶: direction key	(17)OSD: On screen display for control	(18)■: stop
(19)VOL + / -: volume increase/volume decrease	(20)Angle: no function	(21)PHOTO: photo browse interface
(22)ZOOM: zoom in/zoom out the picture or movie		

3.2 Parameter Setup

After Connecting player and TV, power on TV and setting to the input style you connected. Power on player, the player will initialize and show "Loading..." at the screen. After initializing, player will go in to main menu, there you can see the device you plug in. (when you are in Video, Music, or Photo mode, you can also press "return" key to go back main menu).
The main menu including to "SETTINGS", "USB" (USB device) and "CARD" (Memory Card). If there are no USB storage device or Memory Card at the player, it will only show "SETTINGS" option. Press "ENTER" key and in to SETTINGS submenu.
At the submenu, press the direction arrow ▲ ▼ to select every item, press direction arrow ◀ ▶ to change the setting. Press "OK" key to confirm the setting, and press "RETURN" key to exit "SETTINGS" submenu.

Options:

A. Language: select UI language
B. Slideshow duration: setup the pictures refresh time when slideshow. The options: 3s, 5s, 15s, 1min, 15mins, 1hour.
C. Slideshow mode: setup the picture effect when playing. The options: Bottom to Top, Top to Bottom, Left to Right, Right to Left, Door Close, Door Open, Horizontal Cross, Vertical Cross, Random, Fading, Off.



D. Music repeat mode: the options: Repeat all, Repeat one
E. Movie repeat mode: the options: Repeat all, Repeat one
F. Display Mode: setup movie flame's Width / Height ratio. The options: 4:3, 16:9
G. TV system: setup the TV signal system. The options: NTSC Interlace, NTSC Progressive, PAL Interlace, PAL Progressive, NTSC Composite, PAL Composite, HD Mode. To setup this option, check your TV spec at the manual.
   * If you connect with AV OUT, the regular options will be NTSC Composite or PAL Composite only; if you connect with Y/Pb/Pr, you can use NTSC Interlace, PAL Interlace, NTSC Progress, PAL Progress, HD Mode.
   ** You can also press [TV-Mode] button to change this option quickly when screen don't display.
H. Autorun: setup auto play when power on.
I. Default: change the option value to default.

3.3 Play Movie

If you already plug in USB device or Memory Card correctly, you can find a "USB" or "Memory Card' option at the main menu. Select it and press "ENTER" to into "SELECT MEDIA" screen and starting media play.
At the "SELECT MEDIA" screen, you can find 5 functions: "PHOTO", "MUSIC", "MOVIE", "TEXT", and "FILE".
Press direction arrow ◂ ▸ to select "MOVIE" option and press "ENTER" to into video list. You also can press "MOVIE" button at the remote controller to enter.

At files list screen, you can find some folder or video files that can be identified at the USB device. Press ▴ ▾ to select the file. When you select a video file, you can see the introduction about the file, include of file name, size and type. Select file or folder and press OK button to get into. Press ◂ button to return.

Key Describes:

A. At VIDEO list
- (1)Press ▴ ▾ to select and press "OK" to enter a folder or play a video files.
- (2)Press ▸II to play the file.
- (3)Press "RETURN" to return to previous menu

B. At Video playing
- (1) ▸II: to play/pause the file.
- (2) ■: stop playing and return to video menu
- (3)MUTE: Mute
- (4)VOL+/VOL-: change volume.
- (5)⏮⏭: previous file / next file
- (6)◂◂ ▸▸: fast rewind / fast forward with 2/3/4 times
- (7)OSD: press OSD button, it will pop out the OSD menu, press ◂ ▸ to select and press OK to confirm:
  - i. ◂◂ ▸▸: fast rewind / fast forward with 2/3/4 times
  - ii. ⏮⏭: previous file / next file
  - iii. II : play or pause
  - iv. ■: stop playing and return to video menu
  - v. : Zoom in /zoom out with 2/4/8 times, you can also press "ZOOM" button to access this function.
  - vi. : Subtitle. If you want to display subtitle when playing, the video file must has the subtitle file that file name the same with video file. The

player support SMI, SRT and SSA(Script type 4.0, no support 4.0+) format subtitle, and subtitle function only support AVI format video file. You can also press "SUB-T" button to access this function. If you want to change the subtitle at the VOB format (DVD video) playing, you can also press SUB-T button, and there is displaying SUB-1 at the screen meaning subtitle 1, displaying SUB-2 meaning subtitle 2, and so on.

(8)Flame's ratio: When video playing, press "16:9/4:3" key to change flame's ratio to fit the screen, the option include: Full Screen, 16:9 mode1, 16:9 mode2, 4:3 mode and keep ratio.

(9)Audio channel: When video playing, press "AUDIO" key to change the audio channel to L_Chan (Left Channel), R_Chan(Right Channel), Stereo. When VOB playing , pressing AUDIO button will switch to another sound track.

(10) Skip: press OSD button, press ▸ to select the rightmost one (current time), press ▲▼◂▸ to change hours/minutes/seconds and press OK to confirm.

(11) Press "MENU" button to return to main menu.

3.4 Play Music

At main menu, press direction arrow ◂ ▸ to select "MUSIC" option and press "OK" to into music list. You can also press "MUSIC" button at the remote controller to enter.

At files list screen, you can find some folder or music files that can be identified at the USB device. When you select a music file, you can see the introduction about the file, include of Title, Artist, Album and Year. Press ▲▼ to select the file and press ▸II to play music. Press ◂ button to return.

If there is a lyric file at the same folder named the same name with the music file, the screen will display it automatically when playing. The player supports "*.LRC" lyric files to implement the synchronous playing of lyrics and music.

The names of lyric files should be identical to the names of music files.

For example:

If the name of the music file is: ABCD.mp3,

Then the name of the file is: ABCD.lrc

Key Describes:

(1)Press ▲ ▼ to select and press "OK" to enter a folder or play a music files.
(2) ⏯: to play/pause the file.
(3) ■: stop playing
(4)MUTE: Mute
(5)VOL+/VOL-: change volume.
(6)⏮ ⏭: previous file / next file
(7)◀◀ ▶▶: fast rewind / fast forward with 2/4/8 times
(8)Press "RETURN" to return to previous menu

3.5 Display Photo

At main menu, press direction arrow ◀ ▶ to select "PHOTO" option and press "OK" to into photo list. You also can press "PHOTO" button at the remote controller to enter.
At files list screen, you can preview all the pictures that can be identified at the USB device. Press ▲ ▼ ◀ ▶ to select the photo and press ⏯ or OK to display photo.

Key Describes:

A. At photo list
(1)▲ ▼ ◀ ▶ : select at photo list,
(2)"OK": display a photo files.
(3) ⏯: display the photo automatically.
(4)"Return": return to previous folder
(5)Press ⏮ ⏭ button to page down /up
(6)PREVIEW: display photo automatically and play music at the same time.
B. At photo displaying
(1) ⏯: To play/pause the file.
(2)■: stop display
(3)⏮⏭: previous picture / next picture
(4)ZOOM: zoom in/zoom out the picture with 2,4,8,16 times
(5)AUDIO: playing music when display photo, press it again to close.
(6)MUTE: MUTE the music sound.
(7)VOL+ / VOL - : adjust volume when music playing.
(8)OSD: press OSD button, it will pop out the OSD menu, press ◀ ▶ to select

and press OK to confirm:

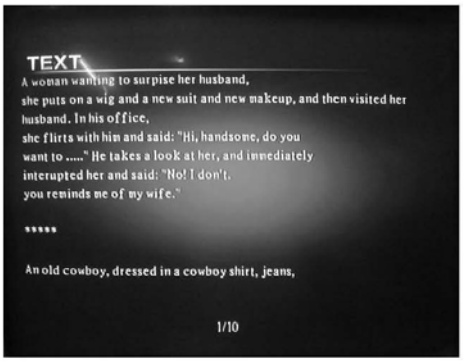
i. ⏮⏭: previous photo / next photo
ii. ⏵/⏸: ON / OFF Slide Show
iii. ■: stop playing and return to video menu
iv. : whirling the picture with 90°.
v. : Zoom in /zoom out with 2/4/8/16 times, you can also press "ZOOM" button to access this function.

(9)Press "RETURN" button to return to previous menu

** If there are too many photo files at the USB device, it will spend lot of time to loading, just please wait a moment.

3.6 Reading EBook

At main menu, press direction arrow ◂ ▸ to select "TEXT" option and press "OK" to into EBook list. You can also press "TEXT" button at the remote controller to enter.
At files list screen, press▴ ▾ to select the text file and press ⏵⏸ or OK button to show EBook. Press ◂ button to return.


TEXT
A woman wanting to surpise her husband,
she puts on a wig and a new suit and new makeup, and then visited her
husband. In his office,
she flirts with him and said: "Hi, handsome, do you
want to ....." He takes a look at her, and immediately
interupted her and said: "No! I don't.
you reminds me of my wife."
*****
An old cowboy, dressed in a cowboy shirt, jeans,
1/10

Key Describes:

(1)Press ▴ ▾ to select and press "OK" to enter a folder or play a text files.
(2)■: stop playing and return to file list.
(3)⏮⏭: page up / page down
(4)◂◂ ▸▸: line up / line down
(5)Press "Return" to return to previous menu

3.7 File Manager

At main menu, press direction arrow ◂ ▸ to select "FILE" option and press "OK" to into FILE Manager. You also can press "FILE" button at the remote controller to enter.
Press ▴ ▾ to select the file at files list screen, and you can also see the detail information about the files.

Key Describes:

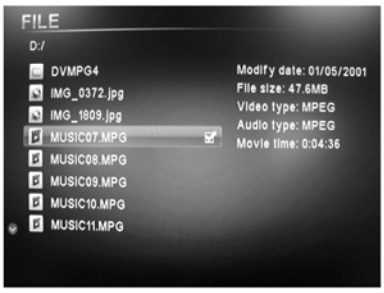
A. Play the file
- (1)▴ ▾ : select at files list
- (2)OK: play the file or into a folder.
- (3) ▸II: play the file
- (4)⏮⏭: page up / page down at file list
- (5)■: stop playing and return to file list.
- (6)RETURN: return to previous menu.

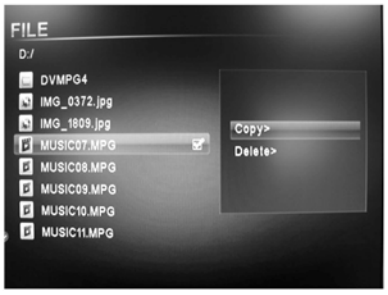
B. Copy and Delete

At this function, you can copy or delete multi files at the USB device.

(1)Copy

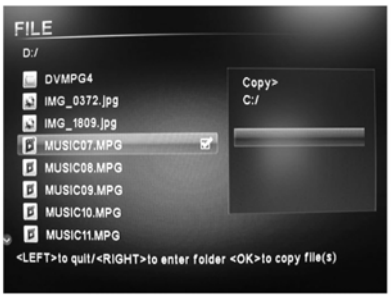
i. At file list, press ▸ to select source files.
ii. Press OSD to open Copy/Delete dialogue box



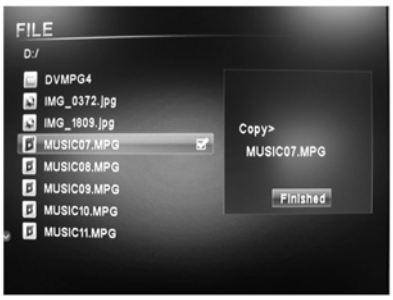


iii. Select "Copy" and press "OK".

iv. Press ▲▼ and ◀ ▶ to select the target folder and press "OK" to start copy.



v. Copy finish.



(2)Delete

i. At file list, press ▶ to select files.
ii. Press OSD to open Copy/Delete dialogue box.
iii. Select "Delete" and press "OK".

iv. Press ◂ to select ☑ and press "OK" to delete the selected files.

v. Delete finish.

3.8 Q & A

1. Why the plug-in subtitle is garbled?

Ans: Because the incorrect of the text codes, some of the plug-in subtitle will display in disorder, even though is correct at your computer. You must change the language to the same with subtitle.

2. When connect with TV, sometimes no display, sometimes regular

Ans: (1) Confirm that your TV's input setting is correct; (2) Maybe your player's setting is wrong. Please power off player and wait 3 second and reboot

and reinstall the cable and setting; (3) Press "TV-Mode" button to adjust output system.

3. The player cannot find the USB MP3 player

Ans: Because of the high power demand, and the low transfer rate, MP3/MP4/ MP5 will always not stable when installing. We suggest you to use another high speed device.

4. Why some video has no display or sound when playing?

Ans: If you already checked that the volume of TV and player is regular, and the video is OK when playing at computer, it's meaning that the format of video is not support by player. Suggest that you can convert the video to the support format.

5. Why some of the large files cannot copy to the external hard disk?

Ans: Some external hard disk already format with FAT32 at sale. At FAT32 format, the hard disk only support the size under 4GB every file. If you have a file over 4GB, it can not copy to the hard disk. Suggest to convert the hard disk with NTFS format. The method:

- Press "Start" > "Run" and key in "command" and press "OK" to execute Command Prompt.
- Key in the below command at "Command Prompt". The "Disk Label" mean the disk your desired:

convert *Disk Label*: /fs:ntfs

6. Why my external hard disk can not read by the player?

Ans: If your hard disk is 2.5 inch, we suggest you to use a Y type USB cable and connect the power of the Y type cable to a external power adopter. Some hard disks claim with power saving will weak at power easily because of the normal USB cable. In addition, some power saving 3.5" hard disks would also happen the same status, like Seagate hard disk, suggest to avoid.

7. Does the play support DVD menu or blue-ray menu?

Ans:

(1) You can press "SUB-T" button to switch subtitle at DVD video file, and press AUDIO to change the audio channel. This can replace the DVD menu.

(2) The product can not support Blue ray Player.

8. Is it supported MKV?

Ans: No support.

9. Is it supported H.264?

Ans: No support.

10. Is it supported Blue-ray format

Ans: No support

11. How about the supported hard disk size?

Ans: support 1TB, 2TB is not support

12. Is it supported blue-ray source code?

Ans: No support.

13. Is the subtitle can adjust size?

Ans: Not support.

14. Is plug-in subtitle can auto link to the video file?

Ans: Named the subtitle file with the name the same with video file.

15. What is support format?

Ans: You can refer to the chapter "XI. Specification"

3.9 Specification

****Product specifications and appearance subject to change without notice!**

■ Video support table (reference)

Format	Encoder	Video Parameters			Support level	Result	Max. Bitrates
		Max. Resolution	Bitrates	Frame rates			
avi	divx/xvid/dx50 Max. support to 720*576	320*240	≤10000Kbps	15≤X≤30 fps	Support	Smoothly	16000Kbps
		352*240					
		352*288					
		480*272					
		512*384	≤6000Kbps	15≤X≤30 fps	Support	Smoothly	16000Kbps
		640*480	≤6000Kbps	15≤X≤30 fps	Support	Smoothly	16000Kbps
		704*576	≤6000Kbps	15≤X≤30 fps	Support	Smoothly	16000Kbps
		720*480	≤6000Kbps	15≤X≤30 fps	Support	Smoothly	16000Kbps
		720*576	≤6000Kbps	15≤X≤30 fps	Support	Smoothly	16000Kbps
		800*452	≤6000Kbps	15≤X≤30 fps	Support	Smoothly	16000Kbps
		800*600	≤500Kbps	≤15 fps	No support		
	ms mpeg4v2	No support					
	mjpeg Max. support to 640*480	320*240	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	8000Kbps
		352*240					
		352*288					
		480*272					
		512*384	≤2500Kbps	15≤X≤30 fps	100%	Smoothly	8000Kbps
		640*480	≤2500Kbps	15≤X≤30 fps	100%	Smoothly	8000Kbps
		704*576	≤2500Kbps	15≤X≤30 fps	100%	Smoothly	8000Kbps
		720*480	≤2500Kbps	15≤X≤30 fps	90%	Smoothly	6000Kbps
		720*576	≤2500Kbps	15≤X≤30 fps	80%	Smoothly	6000Kbps
		800*452	≤500Kbps	≤15 fps	100%	No support	500Kbps
	H.264	No support					
RMVB	RV30 Max. support to 1024*576	320*240	≤5000Kbps	15≤X≤30 fps	100%	Smoothly	16000Kbps
		352*240					
		352*288					
		480*272					
		512*384					
		640*360					
		640*352					
		640*480					
		704*576	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	2000Kbps
		720*480	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	2000Kbps
		720*576	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	1000Kbps

		800*452	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	1000Kbps
		800*600	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	1000Kbps
		960*540	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	1000Kbps
		960*720	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	1000Kbps
		1024*658	≤1500Kbps	15≤X≤24 fps	100%	Smoothly	1000Kbps
		1120*630	≤1500Kbps	15≤X≤24 fps	100%	Smoothly	1000Kbps
		1120*840	≤1500Kbps	15≤X≤24 fps	100%	Smoothly	1000Kbps
	RV40Max. support to 1024*576	320*240	≤5000Kbps	15≤X≤30 fps	100%	Smoothly	16000Kbps
		352*240					
		352*288					
		480*272					
		512*384					
		640*360					
		640*352					
		640*480					
		704*576	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	2000Kbps
		720*480	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	2000Kbps
		720*576	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	2000Kbps
		800*452	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	2000Kbps
		800*600	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	2000Kbps
		960*540	≤3000Kbps	15≤X≤25 fps	100%	Smoothly	2000Kbps
		960*720	≤3000Kbps	15≤X≤25 fps	100%	Smoothly	2000Kbps
		1024*658	≤1500Kbps	15≤X≤24 fps	100%	Smoothly	1000Kbps
		1120*630	≤1500Kbps	15≤X≤24 fps	100%	Smoothly	1000Kbps
		1120*840	≤1500Kbps	15≤X≤24 fps	100%	Smoothly	1000Kbps
FLV			No support				
MOV			Support to 640X480				
mp4			Support to 640X480				
3gp	3gp, 3g2 video (aac audio) ,3g2 video (amr audio)		No support				
mpg	mpeg.video Max. support to 720*576	320*240	≤2500Kbps	15≤X≤30 fps	100%	Smoothly	16000Kbps
		480*272	≤3000Kbps				6000Kbps
		640*480	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	6000Kbps
		704*576	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	6000Kbps
		720*480	≤3000Kbps	15≤X≤30 fps	100%	Smoothly	6000Kbps
		800*452	≤2000Kbps	15≤X≤30 fps	100%	Smoothly	6000Kbps
		800*600	≤500Kbps	≤15 fps	No support		
wmv	wmv1/wmv2	No support					
ASF	wmv3	No support					
dat	MEPG1-Video VCD	352*288	≤1000Kbps	25 fps	100%	Smoothly	1150Kbps
		352*240	≤1000Kbps	25 fps	100%	Smoothly	1150Kbps
VOB	DVD	720*540	≤1000Kbps	25 fps	100%	Smoothly	1150Kbps
HD File		No support					

■ Audio support table (reference)

File Type	File Extension	Version support	Detail Spec	Remark
Mpeg-1 Layer 3	mp3		**bit rate:** 8/16/24/32/40/48/56/64/80/96/112/128/144/160/192/224/256/320/VBR	
WMA	wma	WMA ver 9.1	**bit rate:** CBR up to 320 kbps, VBR up to 256 kbps	Microsoft Licensee only
WAV	wav		Microsoft PCM only	
AAC	n/a (included in the video only)	MPEG-2/4 LC/HE profile AAC+ ver 1/2	**bit rate:** up to 288 kbps	
Dolby Digital AC3	n/a (included in the video only)			Dolby License only

■ Photo support table (reference)

(Media Type)	(Ext Name)	(Version support)	(Detail Spec.)	(Remark)
JPEG	jpg/jpeg		up to HD JPEG, Baseline only	

■ Other specifications

- ✓ Memory Card support: SD / SDHC: 32MB-16GB
- ✓ Video
  Format supported: **RM, RMVB, VOB, DAT, AVI, MP4, MPEG, and MPG**
  Encoder: **MPEG-4(support DivX3/ DivX4/ DivX5/Divx6/Xvid)/MPEG-2/MPEG-1/Real Video8/9/10, Motion-Jpeg**
  Resolution: **MPEG-1/MPEG-2/MPEG-4 support to 720*576**
  RM, RMVB support to 1024*768
  MOV/MP4 support to 640x480
  Motion-Jpeg Max support to 640*480
- ✓ Photo: support JPG、BMP、GIF、M-JPEG、PNG, Max support 50M pixels, support zoom in/out with 2、4、8、16 times
- ✓ Music: support MP3,WMA,WAV,AMR,OGG,RA,AAC
- ✓ USB Host: USB2.0 interface plug and play(card reader/MP3/other USB devices)
- ✓ Output interface: YPbPr(component connector), CVBS(AV/composite connector)
- ✓ Support plug-in subtitle(AVI only):SRT, SMI, SSA (SSA only support Script Type 4.0, no support 4.0+), no support subtitle when RMVB format.
- ✓ Others:
  Language: English/Traditional Chinese/ Simplification Chinese
  Build-in infrared remote controller
  Support multitask, it can play music when playing photos.
  EBook function with TXT format.
- ✓ Size: 84*65*16mm
- ✓ Weight: 42g
- ✓ Power: DC 5.2V , 1500MA

III. Installation

Unpacking

Open the shipping carton and check the package contents.

If any items are missing or damaged, contact us immediately.

The package should include the following items:

- Media Player LCD monitor
-Power cord
-AC/DC power adapter
-VGA cable
-User's manual
-DVI cable (optional)

Installing the Monitor

This monitor is equipped with an auto sensing DC power adapter for voltage ranges of 100-240VAC, 60/50Hz. Follow these steps to install the monitor:

1. Before you connect the cables, made sure that the monitor and the system unit power switches are off.
2. Plug one end of the 15 pin-signal cable or DVI cable to the monitor and the other end to the video signal connector at the rear of the system. Tighten the two screws on the cable connector.
3. Connect the AC/DC power cord to the DC jack.
4. Connect the power cable.

IV. Display Modes

Micro-controller Features

The micro-controller automatically detects the video board installed in your system. When you turn on the monitor, the micro-controller checks the display mode memory stored in the user setting area of the video board, and then the factory presetting area. It then adjusts to the proper display mode.

The micro-controller has the memory capacity to store different display modes, including timing formats and display-settings.

Factory Presetting Area

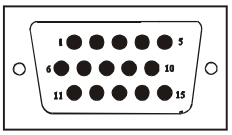
There are some preferred display modes preset in the micro-controller. These display modes are preset at the factory and include the most popular display modes currently available. The micro-controller searches for a proper display mode in this area if it fails to find a proper display mode in the user setting area.

	MODE	Resolution (Dots*lines)	Horizontal Freq.(KHz)	Vertical Freq.(Hz)	Remark
1.	VGA	640×350	31.5	70	Non-interlaced
2.	VGA	720×400	31.5	70	Non-interlaced
3.	VGA	640×480	31.5	60	Non-interlaced
4.	VESA/75	640×480	37.5	75	Non-interlaced
5.	VESA/60	800×600	37.9	60	Non-interlaced
6.	VESA/75	800×600	46.9	75	Non-interlaced
7.	VESA/60	1024×768	48.4	60	Non-interlaced
8.	VESA/70	1024×768	56.5	70	Non-interlaced
9.	VESA/75	1024×768	60.0	75	Non-interlaced
10.	VESA/60	1360×768	60.0	47.7	Non-interlaced
11.	VESA/60	1360×768	75.0	60.2	Non-interlaced

V. Signal Connector Pin-outs

To connect VGA, 8514A or IBM-compatible graphics adapters, use a 15 pin mini D-type male connector.

15-pin Mini D-type Male Connector					
Pin Assignment					
1	Red Video	6	Red Ground	11	Ground
2	Green Video	7	Green Ground	12	Serial Data/I/O
3	Blue Video	8	Blue Ground	13	H. Sync
4	Ground	9	VGA +5V	14	V. Sync
5	No Connection	10	Sync Ground	15	Serial Clock Input



VI. Power Saving Features

When the power saving is active, the power indicator LED will be from Green Light to Amber. The power saving feature complies with these VESA power saving modes:

Mode	H. Sync.	V. Sync.	LED	Power Consumption
Normal	On	On	Green	< 32 Watts
Stand-by	Off	On	Amber	< 8 Watts
Suspend	On	Off	Amber	< 8 Watts
Off	Off	Off	Amber	< 1 Watts

The monitor uses the H. Sync and V. Sync signals to determine the operation mode to enter.

The monitor power-saving feature automatically turns off H. Sync and V. Sync if there is no input from the system for a certain period of time. To use this feature, you need a green PC that is compliant with the VESA power saving feature or a software utility to detect system input such as keyboard or mouse.

Time Settings

Time settings are adjusted from the system unit by software. To fulfill the requirements in the NUTEK specification 803299/94 the total time from indicated inactivity to Power Saving position A2 (VESA OFF) must not be set more than 70 minutes. We recommend you switch off the monitor when you do not intend to use it for a while.

VII. Product Specifications

18.5” series product specifications

Model / Features	VT-185KC
Panel Type: Screen Size: Pixel Pitch: Brightness: Contrast Ratio: Response Time: Viewing Angle(H / V) Max. Resolution: Display Color	Active TFT-LCD 18.5” diagonal 300 (W) x 300 (H) um Typical: 250 cd/㎡ Typical: 1000:1 Typical: 5 ms Typical: 170° / 160° 1366 (W) x 768 (H) 16.7 M
Video Input	Analog:15-pin, D-sub connector x1 Digital: DVI connector (optional) USB Storage device, SD Memory Socket
Display Area	409.8 (W) x 230.4 (H) mm
Input voltage: Output rating:	100-240V /60-50Hz 12V DC, 5.0A
Power Consumption	32 watts (max.), 8 watts (standby)
Frequency (Monitor)	Horizontal:30-80 KHz; Vertical: 50-75 Hz (DVI 60Hz only)
Dimensions(set size)	14.8 (H) x 14.69 (W) x 5.5 (D) inch [375(H) x 380(W) x 140(D) mm]
Safety & EMI	UL, CUL, FCC-B, CB, CE, TUV/GS
Weight	N.W.: 9.9 lbs (4.5 Kgs) G.W.: 13.2 lbs (6.0 Kgs)
Operating Conditions	5°C – 35°C; 20%-80% RH
Storage Conditions:	-20°C – 60°C; 10%-90% RH
Wall mountable	Yes, VESA 75 bracket

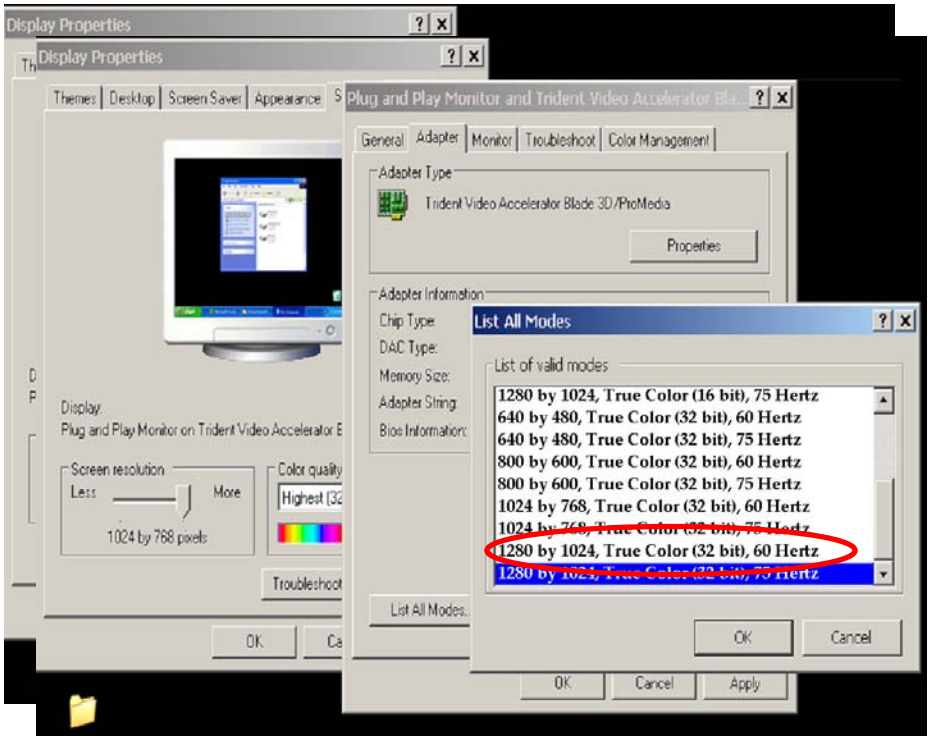
The typical value of brightness, contrast ratio, response time and viewing angle is subject to change without notice.

VIII. Windows setup

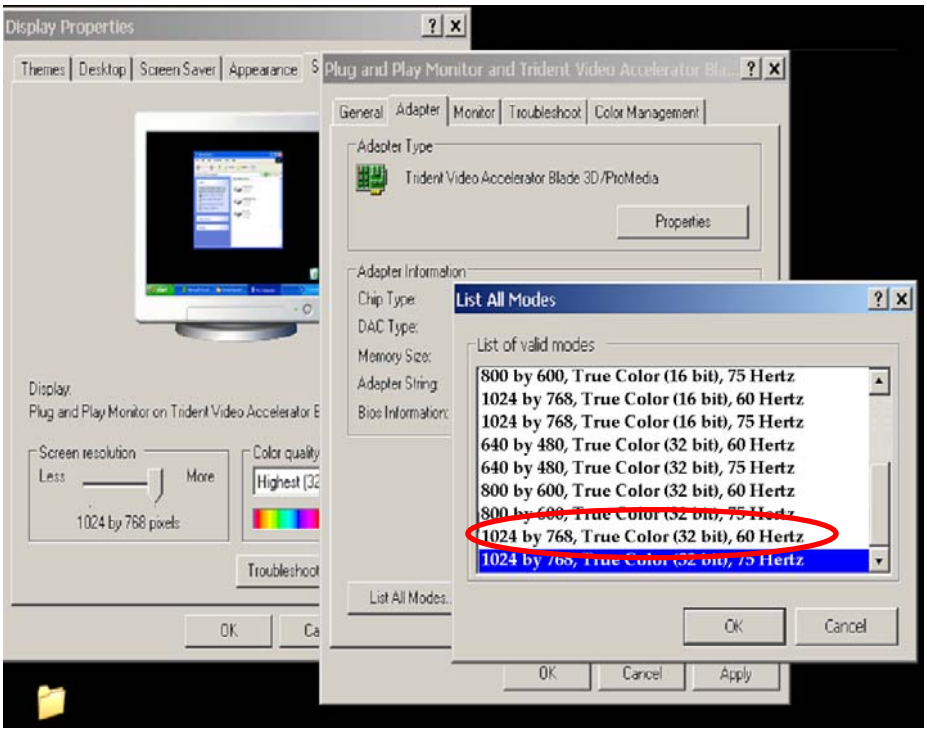
For the best display quality, please set the monitor type in Windows.

Control Panel > Display > Settings > Advanced > List All Modes

For 1280 ×1024, please set to “SXGA 1280 × 1024 @ 60Hz”



For 1024 ×768, please set to “XGA 1024 × 768 @ 60Hz



IX. Trouble Shooting

1) Power on but no picture

→ Make sure the VGA cable is tightly connected from the video output connector on the video card to the video input connector on the monitor.

→ Make sure you are using the standard power adapter coming with the monitor.

→ Check your video card if the driver is correctly installed. If there is no video signal from the video card, “NO INPUT SIGNAL” will show on the screen.

2) Wrong or abnormal colors

→ If any color (red, green, or blue) is missing, check video cable to make sure it is securely connected. Loose pins in the cable connector can cause a bad connection.

3) The text and icon look blurry

→ LCD monitor has a native resolution which pixels are produced by cells in fixed positions. When a resolution different from the native resolution is chosen, the LCD monitor uses various interpolation methods to achieve the pseudo resolution. To achieve the optimum viewing quality, choose the native resolution of the panel is recommended.

→ Use “Auto Tuning” function to adjust image quality on the OSD menu or you can hold button AUTO for 1 seconds to do auto tuning.

4) Display position is incorrect

→ Use “Auto Tuning” function to adjust image position on the OSD menu or you can hold button AUTO for1 seconds to do auto tuning.

5) Residue image

→ If an image remains on the screen for an extended period of time, it may be imprinted in the screen and leave a residue image. It is characteristic of liquid crystal and is not malfunction or deterioration of the liquid crystal. The residue image will disappear after a period of time. It is recommended to set up the screen saver for your LCD monitor.

6) Out of Rang

→ The first thing you need to check is the screen resolution. Usually “Out of Range” is caused by improper resolution setting. You can recover the proper screen resolution as the following steps for Windows: (Assumed that the optimal resolution and frequency setting is 1280x1024@ 60Hz.)

Boot the computer into **VGA Mode** (F8) [repeatedly] at startup.
Go to “**Control Panel”**, double click on “**Display”**, click on the **SETTINGS** TAB, and click on the **ADVANCED** button.
Then Click on the **Adapter** TAB, click “**List All Modes**” and change the screen resolution to 1280x1024. (You can select 16 bit or 32 bit color which depends on your video card capability.)
Select “**1280 by 1024, High Color (16 bit), Default Refresh**”
Click on the “**OK**” and **“APPLY**”.
After clicking the **APPLY** button, a message will be displayed “Your desktop has been reconfigured. Do you want to keep these settings?”
Click “**Yes**” and “**OK**”. Then click “OK” on the Display Properties window.
Restart your PC
After you restart, go back to “List All Modes” to adjust your screen refresh rate to 60 Hertz.

The “Out of Range” may happen if you switch monitor A to monitor B for your PC. Whenever you change the monitor for your PC, your PC may detect it as a new hardware and automatically install a proper driver for the monitor. So, you will have both monitor A and monitor B drivers on your PC. Sometimes the two monitor drivers may conflict each other and cause “Out of Range”. You can

resolve “Out of Range” by uninstalling both monitor drivers and reboot your PC. The Windows will automatically detect the new hardware and install a proper driver for the monitor. Here is a quick way to uninstall the monitor drivers:

Right click on “**My Computer**”, select “**Properties**” and click on “**Hardware”**. Click on “**Device Manager**”, select **“Monitor”** and click on “+” in front of “Monitor”. Then you can see one of the monitor drivers called “**Plug and Play Monitor”**. A quick way is to uninstall all the monitor drivers and then let Windows automatically detect the new hardware. (Right click on the monitor driver and select “Uninstall”).
Restart your PC